

Global Internet of Things (IoT) Digital Wall-hung Boiler Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Internet of Things (IoT) Digital Wall-hung Boiler market size was valued at US\$ 2213 million in 2025 and is forecast to a readjusted size of US\$ 3664 million by 2032 with a CAGR of 7.4% during review period.

In 2025, global Internet of Things (IoT) Digital Wall-hung Boiler production reached approximately 1,870 K units, with an average global market price of around 1,150 US\$/unit.

Internet of Things (IoT) Digital Wall-Hung Boiler is a wall-mounted gas heating appliance equipped with digital control modules, communication interfaces, sensors, and cloud or App-based connectivity functions. It provides space heating and, in many models, domestic hot water while enabling remote temperature adjustment, operating status monitoring, fault diagnosis, energy consumption tracking, firmware updates, weather compensation, smart thermostat linkage, and multi-zone heating control. Compared with conventional wall-hung boilers, IoT digital wall-hung boilers emphasize intelligent control, user comfort, predictive maintenance, service efficiency, energy optimization, and integration with smart home or building energy management systems.

The average single-line production capacity of Internet of Things (IoT) Digital Wall-hung Boiler is 90 K units, the average gross profit margin was 31.7%.

The upstream includes heat exchangers, burners, gas valves, fans, pumps, sensors, control boards, Wi-Fi/IoT modules, displays, cloud platforms, App software, casings, pipes, and safety components; the midstream covers boiler design, combustion control,

IoT system integration, software development, assembly, testing, certification, branding, and distribution; the downstream includes residential heating, smart homes, apartments, villas, small commercial buildings, HVAC installers, gas companies, property developers, after-sales service providers, and replacement markets.

Core boiler components and materials account for about 52%–62%, including heat exchangers, burners, gas valves, pumps, fans, electronics, sensors, and sheet-metal parts; IoT modules, software, cloud service, digital control, and cybersecurity account for 6%–10%; manufacturing, assembly, testing, and quality control account for 11%–16%; R&D, certification, and compliance account for 5%–8%; packaging and logistics account for 3%–5%; sales channels, installation support, after-sales service, and brand expenses account for 12%–18%.

Demand is driven by smart home adoption, energy-saving heating upgrades, remote control needs, predictive maintenance, rising comfort requirements, and replacement of old boilers. Business opportunities lie in connected condensing boilers, App-based heating control, smart thermostat integration, cloud fault diagnosis, energy management services, multi-zone heating systems, subscription-based after-sales platforms, and localized IoT boiler products for Europe, China, Japan, South Korea, and premium residential renovation markets.

This report is a detailed and comprehensive analysis for global Internet of Things (IoT) Digital Wall-hung Boiler market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Connectivity Method and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Internet of Things (IoT) Digital Wall-hung Boiler market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Internet of Things (IoT) Digital Wall-hung Boiler market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Internet of Things (IoT) Digital Wall-hung Boiler market size and forecasts, by Connectivity Method and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Internet of Things (IoT) Digital Wall-hung Boiler market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries

- To assess the growth potential for Internet of Things (IoT) Digital Wall-hung Boiler

- To forecast future growth in each product and end-use market

- To assess competitive factors affecting the marketplace

This report profiles key players in the global Internet of Things (IoT) Digital Wall-hung Boiler market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Vaillant Group, Bosch Home Comfort, Viessmann Climate Solutions, Ariston, BDR Thermea Group, Navien, Rinnai, Noritz, A. O. Smith, Vatti, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Internet of Things (IoT) Digital Wall-hung Boiler market is split by Connectivity Method and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Connectivity Method, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Connectivity Method

- Wi-Fi Connected Type
- Bluetooth Connected Type
- Cellular Connected Type
- Ethernet Connected Type
- Gateway-Based Connected Type
- Others

Market segment by Rated Heating Output

- Below 18 kW
- 18?24 kW
- 25?32 kW
- 33?40 kW
- Above 40 kW

Market segment by Application

- Residential
- Commercial

Major players covered

- Vaillant Group

Bosch Home Comfort

Viessmann Climate Solutions

Ariston

BDR Thermea Group

Navien

Rinnai

Noritz

A. O. Smith

Vatti

Vanward

Haier

Devotion

Macro

Midea

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Internet of Things (IoT) Digital Wall-hung Boiler product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Internet of Things (IoT) Digital Wall-hung Boiler, with price, sales quantity, revenue, and global market share of Internet of Things (IoT) Digital Wall-hung Boiler from 2021 to 2026.

Chapter 3, the Internet of Things (IoT) Digital Wall-hung Boiler competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Internet of Things (IoT) Digital Wall-hung Boiler breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Connectivity Method and by Application, with sales market share and growth rate by Connectivity Method, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Internet of Things (IoT) Digital Wall-hung Boiler market forecast, by regions, by Connectivity Method, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Internet of Things (IoT) Digital Wall-hung Boiler.

Chapter 14 and 15, to describe Internet of Things (IoT) Digital Wall-hung Boiler sales channel, distributors, customers, research findings and conclusion.

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